

Title (en)
VOICE CONFERENCE DEVICE

Title (de)
SPRACHKONFERENZEINRICHTUNG

Title (fr)
DISPOSITIF DE CONFERENCE VOCALE

Publication
EP 2007168 A4 20100602 (EN)

Application
EP 07706924 A 20070117

Priority
• JP 2007050617 W 20070117
• JP 2006023422 A 20060131

Abstract (en)
[origin: EP2007168A2] Microphones arranged in an array shape along a longitudinal direction are respectively formed in both the longitudinal side surfaces of a housing 2 with substantially an elongated rectangular parallelepiped shape, and speakers arranged in an array shape along the longitudinal direction are formed in a lower surface. The speaker array forms sound emission beams based on sound emission directivity set according to a conference environment. On the other hand, when the microphone array forms sound collection beams by sound collection signals collected, a talker direction is detected from these beams and an output sound signal corresponding to this direction is formed and also is reflected on setting of the sound emission directivity. Also, when there are plural input sound signals, the sound emission directivity is set according to a use situation of the plural input sound signals.

IPC 8 full level
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CPC (source: EP US)
H04R 3/005 (2013.01 - EP US); **H04R 3/12** (2013.01 - EP US); **H04R 1/403** (2013.01 - EP US); **H04R 1/406** (2013.01 - EP US); **H04R 3/02** (2013.01 - EP US); **H04R 2201/403** (2013.01 - EP US); **H04R 2201/405** (2013.01 - EP US); **H04R 2430/20** (2013.01 - EP US)

Citation (search report)
• [Y] EP 1596634 A2 20051116 - SONY CORP [JP]
• [A] US 5832077 A 19981103 - CIURPITA GREGORY [US]
• [Y] WO 03010996 A2 20030206 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
• [Y] HERBERT BUCHNER ET AL: "Full-Duplex Systems for Sound Field Recording and Auralization Based on Wave Field Synthesis", AES 116TH CONVENTION BERLIN, GERMANY, 8 May 2004 (2004-05-08) - 11 May 2004 (2004-05-11), pages 1 - 9, XP040372449

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